| x of C | |
|------------|--|
| | |

| Applic | ation | /Cont | rol l | No. |
|--------|-------|-------|-------|-----|
| | | | | |

10/561,170

Examiner

M. Louisa Lao

Applicant(s)/Patent under Reexamination

AHLQVIST ET AL.
Art Unit

1621

| √ | Rejected |
|----------|----------|
| 11 | Allowed |

| [- | (Through numeral) Cancelled |
|----|--------------------------------|
| \[| Restricted |

| N | Non-Elected |
|---|--------------|
| - | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Cli | Claim Date | | | | | 1 | Cla | aim | Date | | | | | | 7 | Г | Claim | Date | | | | | | | | | | | | | | | |
|-------------|------------|---------------|----------|---|----------|----------|--------------|------------------|----------|----------|----------|--|----------|----------|----------|--------------|--------------|----------|----------|--|---------|----|-------------------------------------|------------|----------|---|--|--------------|----------|---------------|----------------|----------|-----------|
| | T | $\overline{}$ | | | | Γ | | П | T | Т | 1 | | | | | | T | П | Т | T | \top | 7 | \vdash | - T | 1 | | | | | | | | |
| ਕ | Original | 7/30/07 | | | | 1 | | | ı | ı | | ਰ | Original | | | | | | | | | | - | Original | 1 | | | | | | | | |
| Final | igi | 8 | | | | | | | l | | | Final | įģ | | | | | | | | 1 | | ii ii | <u>.</u> | 1 | ٠ ا | | | | | | | |
| " | ō | 1 | | | | l | | ŀ | l | ı | | ш. | ō | | | ł | | | | | | | " | · ŏ | 1 | | | | | | | | |
| | ļ | ١., | | | | <u> </u> | ļ | ļ | ļ | | 4 | | | - | | | | - | - | | + | - | <u> </u> | | ╁ | <u> </u> | <u> </u> | Ŀ | | \vdash | | | |
| | 1 | V | | | | <u> </u> | _ | _ | L | <u> </u> | | | 51 | \perp | \sqcup | _ | _ | _ | | _ _ | | _ | <u></u> | 101 | | <u></u> | | | | | | | \Box |
| | 2 | 1 | | | | L | L | | _ | | | | 52 | | | | 1 | | | | | _ | <u></u> | 102 | | Ŀ | | | | | | | \Box |
| | 3 | 1 | | | | l | L | | | | | | 53 | | | | | l | 1. | L_ | ᆚ | | L | 103 | | | | | | | | | |
| | 4 | 1 | | | | | | | 1. | | | | 54 | | | | | | | | | | 1 | 104 | | | | | | | | | |
| | 5 | V | | | | | | | Г | П | | | 55 | | | | | | | | | 7 | Г | 105 | Т | Г | Γ | | | | | | |
| | 6 | √ | | | | | | | Г | | | | 56 | П | | | | \neg | | \neg | T | 7 | | 106 | | | | | | | \Box | | |
| | 7 | N | | | | | | 1 | Т | | 1 | | 57 | | | | | 一 | 一 | _ | ╅ | 7 | Г | 107 | | | \vdash | | | | \Box | | \neg |
| | 8 | - | | | _ | | | \vdash | ✝ | ┰ | 1 | | 58 | \vdash | \neg | 寸 | \dashv | \dashv | 一 | - - | +- | 1 | \vdash | 108 | 1- | \vdash | \vdash | | | | \dashv | | ᅥ |
| | 9 | N | | | | | | | Н | ╁ | 1 | | 59 | \vdash | | | - | - | + | \dashv | + | - | ┢┈ | 109 | | \vdash | ┢ | | | \vdash | \dashv | | \dashv |
| | 10 | 1 | Н | | _ | \vdash | | \vdash | ╁╌ | + | 1 | | 60 | ╁─┤ | \vdash | ┪ | \dashv | ┪ | \dashv | ╅ | ╁ | - | <u> </u> | 110 | +- | - | ├ | \vdash | - | - | Н | | \dashv |
| | 11 | V | | | _ | ├ | - | ╁ | ⊢ | ╁ | - | | 61 | Н | \vdash | - | -+ | ↤ | - | | - | - | ⊢ | | ╀ | - | ⊢ | - | H | \vdash | \vdash | \vdash | - |
| \vdash | | | \vdash | | | - | | ┼ | ⊢ | + | 1 | - | | \vdash | \vdash | ∤ | | | - | + | +- | - | - | 111 | + | _ | - | | \vdash | | \vdash | | \vdash |
| | 12 | \vdash | \vdash | | | | - | ├- | - | ┼ | 4 | | 62 | Н | \dashv | - | | | | | +- | - | - | 112 | - | - | - | | - | — | \vdash | | Н |
| <u> </u> | 13 | | Н | | _ | _ | - | ⊢ | ╀ | +- | 4 | <u> </u> | 63 | \vdash | \vdash | | _ | _ | + | | +- | - | ├ | 113 | | H | _ | <u> </u> | <u> </u> | _ | | | Щ. |
| <u> </u> | 14 | _ | Ш | | | | _ | <u> </u> | 1_ | ↓_ | . | | . 64 | \vdash | \vdash | \downarrow | _ | _ | \dashv | | 4 | 4 | <u> </u> | 114 | 4_ | _ | <u> </u> | <u> </u> | _ | _ | Ш | | Ш |
| | 15 | _ | | | | | <u> </u> | <u> </u> | 上 | <u> </u> | | | 65 | Ш | | | | _ | _ | \bot | _ | 4 | | 115 | 1_ | | · | | | | | | |
| L | 16 | L | | | | <u> </u> | | <u></u> | <u> </u> | | | | 66 | | | | | | | | ┸ | _ | | 116 | 丄 | | | | | | | | Ш |
| | 17 | 匚 | | | | | | | <u>L</u> | | | | 67 | <u> </u> | | | | | | | | | | 117 | | | | | | | | | |
| | 18 | | | | | | | | | | | | 68 | | | | | | П | Т | | 7 | | 118 | | | | | | | | | |
| | 19 | | | • | | | П | Π | Г | Τ | 1 | | 69 | | | | | \Box | П | $\neg \vdash$ | | 7 | | 119 | \top | | | | | | | | |
| | 20 | | | | | | | Т | Τ | T | 1 | | 70 | | | | | 寸 | | • | | 7 | | 120 | | | _ | | | $\overline{}$ | П | | |
| | 21 | | | | | | | | 1 | 1 | 1 | | 71 | \Box | | | T | 寸 | 十 | | _ | 7 | | 121 | 1 | | Т | | | | | | |
| | 22 | \vdash | | _ | _ | \vdash | | H | ┰ | ✝ | 1 | | 72 | Н | \Box | | _ | \dashv | \dashv | _ | ╅ | 1 | \vdash | 122 | + | | - | - | | - | - | | \dashv |
| - | 23 | - | | _ | - | ┪ | T | t | ┪ | t | 1 | | 73 | \vdash | \vdash | | - | \dashv | \dashv | \dashv | + | 1 | 一 | 123 | | - | \vdash | \vdash | \vdash | \vdash | Н | | \dashv |
| <u> </u> | 24 | ⊢ | | _ | _ | \vdash | - | H | ┢ | - | 1 | | 74 | \vdash | \vdash | - | - | ┪ | ┰ | | +- | - | - | 124 | + | \vdash | ⊢ | - | Н | \vdash | Н | - | \dashv |
| | 25 | ⊢ | | - | _ | ┢ | | ├ | ┼╾ | ╁ | 1 | | 75 | Н | \vdash | | | | - | | ╁ | - | ⊢ | 125 | ╁ | - | H | - | - | - | | | \dashv |
| | 26 | \vdash | | _ | _ | \vdash | ┢ | ├ | ┢ | - | 1 | | | \vdash | \vdash | | -+ | + | \dashv | \dashv | + | - | ┝ | | ╁ | - | _ | - | _ | - | \vdash | Н | \dashv |
| | | - | Н | | _ | ⊢ | ⊢ | ├ | ┢ | ┼ | 4 | | 76 77 | ╀ | \vdash | - | - | - | | - | +- | - | <u> </u> - | 126 | ╀ | _ | <u> </u> | _ | _ | _ | | _ | \dashv |
| ├ | 27 | ⊢ | H | | | <u> </u> | - | - | ╀ | ╀ | - | | | | \vdash | | - | - | - | - | + | - | ⊢ | 127 | | | ļ | | | ļ | | _ | 4 |
| | 28 | - | Ш | _ | _ | ├ | _ | <u> </u> | ╀ | ╄ | 4 | | 78 | - | - | | - | _ | _ | - | _ | 4 | <u> </u> | 128 | | <u> </u> | | | | | | | |
| <u> </u> | 29 | <u> </u> | Ш | | | _ | _ | - | <u> </u> | ├ | Į | | 79 | | _ | _ | _ | _ | _ | _ | _ | 4 | | 129 | ┺ | <u> </u> | <u> </u> | _ | | | | | \Box |
| L | 30 | ㄴ | | | | <u> </u> | <u></u> | ╙ | ╙ | ╙ | | | 80 | Ш | Щ | _ | _ | _ | 4 | ┵ | | 4 | L. | 130 | <u> </u> | $ldsymbol{ley}}}}}}}$ | <u> </u> | _ | | _ | | | \Box |
| | 31 | | Ш | | | L_ | _ | | L | ┺ | . | | 81 | | | | | | | _ ՝ | \perp | _ | <u> </u> | 131 | | L_ | $oxed{oxed}$ | | | | | | |
| | 32 | | | | | L | $oxed{oxed}$ | L | L | 上 | . | | 82 | Ш | | | | | | | |] | | 132 | | | | | | | | | |
| | 33 | | | | L | L | | L | L | | | | 83 | | | | | | \Box | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | | J | | 133 | | | | | | | | | |
| | 34 | | | | | | | | | | | | 84 | | | ╗ | | | T | T | T | | | 134 | | | · | | | | | | |
| | 35 | | | | | Γ | | Γ | Γ | Π | 1 | | 85 | | П | | \Box | \neg | T | | T | 1 | | 135 | Г | | | | | | | | |
| | 36 | | | | | | | | Γ | | 1 | | 86 | П | | \neg | 一 | | 7 | | Τ | 7 | | 136 | T | Г | l | | | | | | \Box |
| | 37 | | П | | | | Г | | ⇈ | 1 | 1 | | 87 | П | \sqcap | | _ | \neg | \dashv | 十 | \top | 1 | Н | 137 | T | П | \vdash | \vdash | | | Н | \vdash | \dashv |
| | 38 | ┰ | Н | | _ | \vdash | Т | \vdash | 十 | 1 | 1 | | 88 | \vdash | \vdash | | - | \dashv | \dashv | + | + | 1 | <u> </u> | 138 | + | \vdash | - | | Н | \vdash | \vdash | \dashv | \dashv |
| \vdash | 39 | \vdash | Н | | | \vdash | <u> </u> | t | t | T | 1 | | 89 | \vdash | \vdash | \dashv | -+ | + | + | + | + | ┧Ш | \vdash | 139 | + | - | | \vdash | \vdash | \vdash | \vdash | \dashv | \dashv |
| | 40 | \vdash | Н | | _ | \vdash | - | - | 1 | +- | 1 | | 90 | \vdash | \dashv | | | \dashv | + | + | + | - | \vdash | 140 | +- | - | \vdash | \vdash | \vdash | \vdash | \vdash | - | \dashv |
| | 41 | ├- | \vdash | | | | | \vdash | ⊢ | + | 1 | | 91 | | - | \dashv | \dashv | - | \dashv | + | + | - | \vdash | | | - | \vdash | - | | - | $\vdash\vdash$ | \vdash | \dashv |
| <u> </u> | 42 | | Н | _ | - | \vdash | \vdash | +- | ┼ | +- | 1 | | 92 | \vdash | \dashv | | | \dashv | + | + | + | - | <u> </u> | 141 142 | ╀ | | | \vdash | H | \vdash | \vdash | | 4 |
| ļ | 43 | \vdash | Н | | - | - | ├ | - | 1- | - | | | | \vdash | \vdash | | | \dashv | + | + | + | - | \vdash | | | - | <u> </u> | ŀ | | | \vdash | \Box | Н |
| | 43 | - | Н | _ | — | \vdash | ⊢ | ⊢ | ┢ | +- | 1 | | 93 | \vdash | \vdash | - | _ | | + | + | +- | - | \vdash | 143 | ┼ | <u> </u> | - | <u> </u> | _ | <u> </u> | \dashv | | \sqcup |
| | 44 | | Н | | - | \vdash | - | | - | + | ł | <u> </u> | 94 | Н | | _ | | | - | | + | - | <u> </u> | 144 | +- | _ | <u> </u> | _ | \vdash | <u> </u> | | | \square |
| <u> </u> | 45 | - | Н | _ | <u> </u> | \vdash | ₩ | - | ├ | ┼- | | <u> </u> | 95 | \vdash | \vdash | | 4 | - | \dashv | + | + | - | <u> </u> | 145 | \vdash | \vdash | ├— | | | Щ | Ш | | Ш |
| | 46 | — | Щ | _ | | <u> </u> | _ | | | ₩ | ı | | 96 | \vdash | Н | _ | _ | _ļ | 4 | 4 | 4 | 4 | \vdash | 146 | 4_ | <u> </u> | <u> </u> | Ш | | L. | \Box | | Щ |
| | 47 | | Ш | | | _ | _ | <u> </u> | ┞- | 1_ | ı | | 97 | Ш | | | _ | _ļ | _ | \perp | \bot | - | L | 147 | | | <u> </u> | L | L., | Ш | Ш | | |
| | 48 | ldash | Ш | | | <u> </u> | | <u> </u> | <u> </u> | 1 | 4 | | 98 | Ш | Ш | | _ | _ | 4 | \perp | \bot | _ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | 148 | _ | | | Ш | | Ш | | | ك |
| <u> </u> | 49 | <u> </u> | | | | | L | L | L | | | | 99 | Ш | oxed | $_{\perp}$ | | | \perp | | | | | 149 | | | | | | | | | |
| | 50 | L | | • | | | L | | Ĺ | |] | | 100 | | | | | П | T | | T |] | | 150 | | Π | | | | | | | |